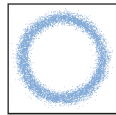


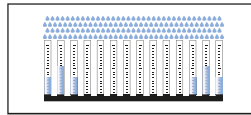
DEFLECTED SPRAY

RO hollow cone deflected spray nozzles are specially designed for fire-fighting engineering. They produce an excellent water atomization and their deflected jet assures a wide spray coverage. The spray pattern is formed by the liquid flowing from the nozzle orifice over the surface of the below deflector with a special slotted design. All RO nozzles are certified by the EU fire regulations.

- **Thread specification:** BSPT, NPT
- **Typical applications**
Fire-fighting: fire extinguishing, cooling
Other applications: tank cleaning, exhaust scrubbers



Spray section



Concave distribution



HOLLOW CONE NOZZLES



| Code | RG inch | D mm | Capacity at different pressure values (l/min) (bar) | | | | | | WS mm | H mm | |
|----------------|---------|------|---|------|------|------|------|------|-------|------|--|
| | | | 1.0 | 3.0 | 5.0 | 6.0 | 7.0 | 10.0 | | | |
| 130° | | | | | | | | | | | |
| ROY D005 xx yy | 1/2" | 3.0 | 4.80 | 8.10 | 10.3 | 11.3 | 12.2 | 14.5 | 25 | 65 | |
| ROY D006 xx yy | | 3.5 | 6.70 | 11.5 | 14.9 | 16.4 | 17.6 | 20.5 | | | |
| ROY D009 xx yy | | 4.0 | 9.00 | 15.6 | 20.0 | 22.0 | 24.0 | 29.0 | | | |
| ROY D011 xx yy | | 4.5 | 11.5 | 19.8 | 25.0 | 28.0 | 30.0 | 36.0 | | | |
| ROY D016 xx yy | | 5.0 | 15.8 | 27.0 | 35.0 | 39.0 | 42.0 | 50.0 | | | |
| ROY D018 xx yy | | 5.5 | 18.0 | 30.0 | 40.0 | 44.0 | 48.0 | 57.0 | | | |
| ROY D023 xx yy | | 6.0 | 23.0 | 39.0 | 50.0 | 55.0 | 60.0 | 71.0 | | | |
| ROY D027 xx yy | | 6.5 | 27.0 | 47.0 | 61.0 | 66.0 | 72.0 | 86.0 | | | |
| ROY D032 xx yy | | 7.0 | 31.0 | 55.0 | 72.0 | 77.0 | 84.0 | 91.0 | | | |
| ROY D041 xx yy | | 8.0 | 41.0 | 70.0 | 92.0 | 103 | 112 | 130 | | | |
| ROY D052 xx yy | | 9.0 | 52.0 | 91.0 | 117 | 129 | 140 | 165 | | | |
| ROY D064 xx yy | | 10.0 | 64.0 | 110 | 139 | 152 | 165 | 200 | | | |
| ROY D095 xx yy | | 12.0 | 95.0 | 164 | 214 | 236 | 255 | 290 | | | |
| ROY D103 xx yy | | 13.0 | 103 | 178 | 230 | 252 | 272 | 325 | | | |
| 130° | | | | | | | | | | | |
| ROY E005 xx yy | 3/4" | 3.0 | 4.80 | 8.10 | 10.3 | 11.3 | 12.2 | 14.5 | 27 | 65 | |
| ROY E006 xx yy | | 3.5 | 6.70 | 11.5 | 14.9 | 16.4 | 17.6 | 20.5 | | | |
| ROY E009 xx yy | | 4.0 | 9.00 | 15.6 | 20.0 | 22.0 | 24.0 | 29.0 | | | |
| ROY E011 xx yy | | 4.5 | 11.5 | 19.8 | 25.0 | 28.0 | 30.0 | 36.0 | | | |
| ROY E016 xx yy | | 5.0 | 15.8 | 27.0 | 35.0 | 39.0 | 42.0 | 50.0 | | | |
| ROY E018 xx yy | | 5.5 | 18.0 | 30.0 | 40.0 | 44.0 | 48.0 | 57.0 | | | |
| ROY E023 xx yy | | 6.0 | 23.0 | 39.0 | 50.0 | 55.0 | 60.0 | 71.0 | | | |
| ROY E027 xx yy | | 6.5 | 27.0 | 47.0 | 61.0 | 66.0 | 72.0 | 86.0 | | | |
| ROY E032 xx yy | | 7.0 | 31.0 | 55.0 | 72.0 | 77.0 | 84.0 | 91.0 | | | |
| ROY E041 xx yy | | 8.0 | 41.0 | 70.0 | 92.0 | 103 | 112 | 130 | | | |
| ROY E052 xx yy | | 9.0 | 52.0 | 91.0 | 117 | 129 | 140 | 165 | | | |
| ROY E064 xx yy | | 10.0 | 64.0 | 110 | 139 | 152 | 165 | 200 | | | |
| ROY E095 xx yy | | 12.0 | 95.0 | 164 | 214 | 236 | 255 | 290 | | | |
| ROY E103 xx yy | | 13.0 | 103 | 178 | 230 | 252 | 272 | 325 | | | |

COMPLETE NOZZLE CODE

| Code | Thread | Filter | |
|------|--------|--------|------|
| | | Copper | None |
| FB | BSPT | • | |
| FN | NPT | • | |
| SB | BSPT | | • |
| SN | NPT | | • |

HOW TO MAKE UP THE NOZZLE CODE

EX.: ROY D018 B31FB

